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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded
NEWS 29	Oct 24	BEILSTEIN adds new search fields
NEWS 30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 32	Nov 18	DKILIT has been renamed APOLLIT
NEWS EXPRESS		October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:39:49 ON 20 NOV 2002

=> file dedline caplus embase biotechno scisearch biosis

'DEDLINE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):file medline caplus embase biotechno scisearch biosis

'FILE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE): medline caplus embase biotechno scisearch biosis

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

0.63 0.63

FILE 'CAPLUS' ENTERED AT 15:41:19 ON 20 NOV 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'EMBASE' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'BIOTECHNO' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'SCISEARCH' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'BIOSIS' ENTERED AT 15:41:19 ON 20 NOV 2002

COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'MEDLINE' ENTERED AT 15:41:19 ON 20 NOV 2002

=> s short heterodimer partner

L1 84 SHORT HETERODIMER PARTNER

=> antisense or anti-sense

ANTISENSE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s antisense or anti-sense

L2 113923 ANTISENSE OR ANTI-SENSE

=> s l1 and l2

L3 0 L1 AND L2

=> s shp-1

L4 2620 SHP-1

=> s l4 and l2

L5 15 L4 AND L2

=> dup rem l5

PROCESSING COMPLETED FOR L5

L6- 4 DUP REM L5 (11 DUPLICATES REMOVED)

=> d 1-4 ti

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1

TI Angiotensin II activation of the JAK/STAT pathway in mesangial cells is altered by high glucose

L6 ANSWER 2 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R)

TI G alpha(i2) enhances insulin signaling via suppression of protein-tyrosine phosphatase 1B

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2

TI **Antisense** oligonucleotide modulation of **SHP-1** tyrosine phosphatase expression

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3

TI The transmembrane protein tyrosine phosphatase RPTP.sigma. modulates signaling of the epidermal growth factor receptor in A431 cells

=> d ab 3

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2

AB **Antisense** compds., compns. and methods are provided for modulating the expression of **SHP-1** (also known as Src homol. region 2-domain phosphatase, SHP, PTP1C, SHPTP1, HCP, and PTPN6), a cytosolic tyrosine phosphatase known to be involved in immune and hematol. function. The compns. comprise **antisense** compds., particularly **antisense** oligonucleotides, targeted to nucleic acids encoding **SHP-1**. Methods of using these compds. for modulation of **SHP-1** expression and for treatment of diseases assocd. with expression of **SHP-1** are provided.

=> d 1-4

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1

AN 2002:391192 CAPLUS

DN 137:88796

TI Angiotensin II activation of the JAK/STAT pathway in mesangial cells is altered by high glucose

AU Amiri, Farhad; Shaw, Sean; Wang, Xiaodan; Tang, Jie; Waller, Jennifer L.; Eaton, Douglas C.; Marrero, Mario B.

CS Vascular Biology Center, Medical College of Georgia, Augusta, GA, USA

SO Kidney International (2002), 61(5), 1605-1616

CODEN: KDYIA5; ISSN: 0085-2538

PB Blackwell Publishing, Inc.

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R)

AN 2001:869072 SCISEARCH

GA The Genuine Article (R) Number: 485XR

TI G alpha(i2) enhances insulin signaling via suppression of protein-tyrosine phosphatase 1B

AU Tao J C; Malbon C C (Reprint); Wang H Y  
 CS SUNY Stony Brook, Pharmacol HSC, Ctr Med, Dept Mol Pharmacol, Stony Brook, NY 11794 USA (Reprint); SUNY Stony Brook, Med Ctr, Dept Physiol & Biophys, Diabet & Metab Dis Res Program, Stony Brook, NY 11794 USA  
 CYA USA  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (26 OCT 2001) Vol. 276, No. 43, pp. 39705-39712.  
 Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0021-9258.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 58  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
 AN 2000:658425 CAPLUS  
 DN 133:247305  
 TI **Antisense** oligonucleotide modulation of **SHP-1** tyrosine phosphatase expression  
 IN Bennett, C. Frank; Cowser, Lex M.  
 PA Isis Pharmaceuticals Inc., USA  
 SO U.S., 33 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6121047	A	20000919	US 1999-358685	19990721
	WO 2001007656	A1	20010201	WO 2000-US19630	20000719
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1210454	A1	20020605	EP 2000-947510	20000719
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI	US 1999-358685	A	19990721		
	WO 2000-US19630	W	20000719		

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
 AN 1999:494258 CAPLUS  
 DN 131:238356  
 TI The transmembrane protein tyrosine phosphatase RPTP.sigma. modulates signaling of the epidermal growth factor receptor in A431 cells  
 AU Pestana, Eduardo Suarez; Tenev, Tencho; Gross, Steffen; Stoyanov, Borislav; Ogata, Masato; Bohmer, Frank-D.  
 CS Research Unit "Molecular Cell Biology", Klinikum der Friedrich-Schiller Universität Jena, Jena, D-07747, Germany  
 SO Oncogene (1999), 18(28), 4069-4079  
 CODEN: ONCNES; ISSN: 0950-9232  
 PB Stockton Press  
 DT Journal  
 LA English  
 RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s NR0B2

L7 22 NR0B2

=> s l7 and l2

L8 0 L7 AND L2

=> small heteronuclear receptor

SMALL IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s small heteronuclear receptor

L9 0 SMALL HETERONUCLEAR RECEPTOR

=> s small heteronuclear partner

L10 0 SMALL HETERONUCLEAR PARTNER

=> s nuclear hormone receptor

L11 3155 NUCLEAR HORMONE RECEPTOR

=> s l11 and l2

L12 23 L11 AND L2

=> dup rem l12

PROCESSING COMPLETED FOR L12

L13 11 DUP REM L12 (12 DUPLICATES REMOVED)

=> d ti 1-11

L13 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI Sensitization to apoptosis by BAG-1 **antisense** DNA is through  
modulation of Bcl-2 apoptotic protein family.

L13 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS

TI Molecular mechanisms of adipocyte differentiation

L13 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS

TI Angiogenesis associated proteins, their cDNA and therapeutic use thereof

L13 ANSWER 4 OF 11 SCISEARCH COPYRIGHT 2002 ISI (R) DUPLICATE 1

TI Lcusp, an ultraspiracle gene from the sheep blowfly, *Lucilia cuprina*: cDNA  
cloning, developmental expression of RNA and confirmation of function

L13 ANSWER 5 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

TI New dermatological agents for the treatment of psoriasis.

L13 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS

TI **Antisense** inhibition of peroxisome proliferator-activated  
receptor gamma expression

L13 ANSWER 7 OF 11 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 2

TI Cloning and function of rabbit peroxisome proliferator-activated receptor  
.delta./.beta. in mature osteoclasts.

L13 ANSWER 8 OF 11 MEDLINE

TI PPAR gamma is required for the differentiation of adipose tissue in vivo  
and in vitro.

L13 ANSWER 9 OF 11 MEDLINE

TI CHR3: a *Caenorhabditis elegans* orphan **nuclear hormone**  
**receptor** required for proper epidermal development and molting.

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3

TI The *Caenorhabditis elegans* orphan **nuclear hormone receptor** gene *nhr-2* functions in early embryonic development

L13 ANSWER 11 OF 11 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. DUPLICATE 4

TI [Overlapping genes].  
LES GENES CHEVAUCHANTS.

=> d ab 9 10

L13 ANSWER 9 OF 11 MEDLINE

AB CHR3 is a *Caenorhabditis elegans* orphan **nuclear hormone receptor** highly homologous to *Drosophila* DHR3, an ecdysone-inducible gene product involved in metamorphosis. Related vertebrate factors include RORalpha/RZRalpha, RZRBeta and RevErb. Gel-shift studies show that CHR3 can bind the DR5-type hormone response sequence. CHR3 is a nuclear protein present in all blastomeres during early embryogenesis. During morphogenesis, both CHR3 protein and zygotically active reporter genes are detectable in epidermal cells and their precursors. Inhibition of the gene encoding CHR3 results in several larval defects associated with abnormal epidermal cell function, including molting and body size regulation, suggesting that CHR3 is an essential epidermal factor required for proper postembryonic development.

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3

AB The authors have identified a *Caenorhabditis elegans* gene, *nhr-2*, that is a member of the **nuclear hormone receptor** superfamily of transcription factors and defines a new subclass of the superfamily. *Nhr-2* mRNA is expressed in the maternal germline and during the first half of embryogenesis. Zygotic expression of *nhr-2* begins by the 16-cell stage, making it one of the earliest genes known to be transcribed in the embryo. Immunolocalization detects NHR-2 protein in embryonic nuclei as early as the 2-cell stage. The protein is present in every nucleus until the 16- to 20-cell stage. Subsequently, expression continues in many, but not all, cell lineages, becoming progressively restricted to the anterior and dorsal regions of the embryo and disappearing during the initial stages of morphogenesis. Disruption of *nhr-2* function with **antisense** RNA results in embryonic and early larval arrest, indicating that the gene has an essential function in embryonic development. *Nhr-2* does not correspond to known mutations mapped to the same genetic interval, and will provide an entry point for further study of a heretofore uncharacterized zygotic gene regulatory pathway.

=> d 10

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3

AN 1997:302250 CAPLUS

DN 127:1431

TI The *Caenorhabditis elegans* orphan **nuclear hormone receptor** gene *nhr-2* functions in early embryonic development

AU Sluder, Ann E.; Lindblom, Tim; Ruvkun, Gary

CS Department of Cellular Biology, University of Georgia, Athens, GA, 30602, USA

SO Developmental Biology (1997), 184(2), 303-319

CODEN: DEBIAO; ISSN: 0012-1606

PB Academic

DT Journal

LA English